ABSTRACT

An adaptive signal processing section 107 calculates reception weights by adaptive signal processing of demodulation signals for communication terminal apparatus from a demodulation section 106; and performs multiplication processing, using the above demodulation signals and the reception weights. And, when communication is opened, the above adaptive signal processing section 107 may execute multiplication processing, using the reception weights stored in a storage section 109 at the previous communication with the above communication terminal apparatus, and the demodulation signals.